APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NESTEROVA, N.M., NESMEYANOV, A.N. akademik, glavnyy red.; TOPCHIYEV, A.V., akademik, zam.glavnogo red.; ISAKOVA, O.V., otv.red.; LIKHTENSHTEYN, Ye.S., otv.red.; SHUNKOV, V.I., otv.red.; TRIFONOV, D.N., red.; MARKOVICH, S.G., tekhn.red.

Anatoliy Fedorovich Kapustinskiy. Vstup.stat'ya K.B. IAtsimirskogo Bibliogr. sost. N.M. Nesterovoi. Moskva, 1958. 54 p. (Materialy k biobibliografii uchenykh SSSR. Seriia khimicheskikh nauk, no.26) (MIRA 11:9)

(Bibliography--Kapustinskii, Anatolii Fedorovich, 1906-)

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NESTEROVA, N.M.

NESTEROVA, N.M.; NESMEYANOV, A.N., akademik, glavnyy red.; TOPCHIYEV, A.V., akademik, red.; ISAKOVA, O.V., red.; LIKHTENSHTEYN, Ye.S., red.; SHUNKOV, V.I., red.; RYLINA, Yu.V., tekhn.red.

Georgii Grigor'evich Urazov (1884-1957). Vstup.stat'ia I.N.Lepeshkova i N.N.Siroty. Bibliografiia sost. N.M.Nesterovoi. Moskva, 1957. 62 p. (Materialy k biobibliografii uchenykh SSSR. Seriia khimicheskikh nauk, no.25) (MIRA 11:1)

1. Akademiya nauk SSSR.
(Urazov, Georgii Grigor'evich, 1884-1957)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

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NESTEROVA, N.M. NESMEYANOV, A.N., akademik, glavnyy redaktor; TOPCHIYEV, A.V., akademik, zamestitel' glavnogo redaktora; ISAKOVA, O.V., redaktor; LIKHTENSHTEYN, Ye.S., redaktor; SHUNKOV, V.I., redaktor; POLESITSKAYA, S.M., tekhnicheskiy redaktor

Ivan Alekseevich Kablukov. Bibliografiia sost. N.M.Nesterovoi. Moskva, 1957. 57 p. (Materialy k bibliografii uchenykh SSSR. Seriia khimicheskikh nauk, no.24) (MLRA 10:10)

1. Akademiya nauk SSSR
(Bibliography--Kablukov, Ivan Alekseevich, 1857-1942)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

Aleksandr Alekseyevich Lebedev 30V/1768

Alphabetical Index of [Lebedev's] Works 23

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M.L. Veyngerov, I.V. Grebenshchikov, M.S. Zel'tser, P.Ya. Bokin, Ye.M. Brumberg, O.B. Orlova, V.I. Chernyayev, I.A. Khvostikov, P.G. Sushkin, A.G. Plakhov, Yu.M. Kushnir, A.G. Vlasov, V.V Balakov, V.G. Vafiadi, and Yu.V. Popov. Some of these men following Lebedev's lead or in collaboration with him, have made their own contributions mentioned briefly in the sketch.

TABLE OF CONTENTS:

Basic Data on the Life and Scientific Work of Academician A.A. Lebedev 3

Short Outline of His Scientific, Pedagogic, and Social Activities 6

A List of Writings About Lebedev's Life and Work 15

Bibliography of [Lebedev's] Contributions 17

Index of Coauthors 22

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sketch, the only narrative chapter in the pamphlet, Lebedev is commended for his endeavors in the field of optics, and especially for his contributions to optical methods in engineering measurement. Some information is also available on Lebedev's role in political life. An Academician since 1943, he was elected a Deputy to the Supreme Council of the Soviet in 1954. His scientific contributions have been centered in the following particular fields: diffraction of x-rays and electrons and diffraction patterns; infrared rays; wave interference; light modulation; and the design of new scientific appratus, including two electron microscopes and a photometric range finder. A short description of these and other instruments designed or codesigned by him is given. The pamphlet mentions a number of his pupils, some of whom are considered eminent scientists: Among these are A.I. Stozharov, N.A. Tudorovskaya, V.A. Florinskaya, N.N. Valenkov, Ye.A. Poray-Koshits, G.O. Bagdyk'yants, V.N. Vertsner, and N.G. Zandin. The article mentions his close coworkers N.F. Timofeyev, M.F. Romanova, A.A. Ferkhmin, L.B. Ponizovskiy,

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24(4) PHASE I BOOK EXPLOITATION SOV/1768

Vafiadi, V.G., and N.M. Nesterova

Aleksandr Alekseyevich Lebedev Moscow, Izd-vo AN SSSR 1957. 25 p. (Series: Materialy k biobiliografii uchenykh SSSR. Seriya fiziki, vyp. 8) 2,000 copies printed.

Sponsoring Agency: Akademiya nauk SSR. Sektor spetsbibliotek.

Chief Ed.: A.N. Nesmeyanov, Academician; Deputy Chief Ed.: A.V. Topchiyev, Academician; Resp. Eds.: O.V. Isakova, Ye.S. Likhtenshteyn, and V.I. Shunkov; Ed. of Publishing House: L.V. Gessen; Tech. Ed.: S.M. Polesitskaya.

PURPOSE: The book is intended for the general reader.

COVERAGE: This book is a bio-bibliographical sketch of the life and works of the Soviet scientist Aleksandr Alekseyevich Lebedev containing a complete list of his scientific contributions and a bibliography of 11 items on Lebedev himself. His own writings consist of 37 books written and 9 edited. In the biographical

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NESTEROVA, N.M.

USSR/Nuclear Physics - Cherenkov radiation FD-1865

Card 1/1 Pub. 146-25/25

Author : Nesterova, N. M., and Chudakov, A. Ye.

Title : Observation of Cherenkov radiation accompanying wide atomspheric cosmic-ray showers

Periodical : Zhur. eksp. i teor. fiz. 28, 384, March 1955

Abstract : Cherenkov radiation arising during the passage of fast charged particles through matter must take place not only in dense media, but also in air under condition of sufficiently great speed of the particles, the intensity of radiation of the individual particles being very small but the total effect of the atomsphere recordable against the radiation background of the night sky. The theoretical discussion of this phenomenon was given by V. I. Gol'danskiy and G. B. Zhdanov (ibid., 26, 405, 1954). Here the authors discuss preliminary attempts to investigate flashes in the night-sky radiation and to establish their connection with wide atmospheric showers, on the bases of work conducted at 3860 meters above sea level.

Institution: Physics Institute im. P. N. Lebedev, Academy of Sciences USSR

Submitted : November 30, 1954

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

GOL'DANSKIY, V.I.; ZHDANOV, G.B.; NESTEROVA, N.M.; CHUDAKOV, A.Ye.

Cerenkov radiation in extensive air showers. Izv.AN SSSR.Ser.fiz.19 no.6:747-748 N-D. '55. (MLRA 9:4)

1.Fizicheskiy institut imeni P.N.Lebedeva Akademii nauk SSSR.
(Cosmic rays) (Nuclear physics)

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NESTEROVA, N.M.

IRM

2765

ON THE OBSERVATION OF CERENKOV RADIATION ACCOMPANYING EXTRAATMOSPHERIC SHOWERS OF COSMIC RAYS. N. M. Nesterova and A. I. Chudakov (P. N. Lebedev Inst. of Physics). Soviet Phys. JETP 1, 339-40(1955) Sept. (In English). Zhur. Eksper. i Teoret. Fiz. 28, 384(1955) Mar. (In Russian)

A parabolic mirror and a photomultiplier tube were used to demonstrate the possibility of observing the Cherenkov radiation caused by wide cosmic-ray showers with energies of 10^{14} ev. (N.J.H.)

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NESTEROVA, N. M.

ISAKOVA, O.V.; NESTEROVA, N.M.; NESMEYANOV, A.N., akademik, redaktor; TOPCHIYEV, A.V., akademik, redaktor; LIKHTENSHTEYN, Ye.S., redaktor.

Petr Petrovich Budnikov. Vstup. stat'ia D.S.Beliankina. Moskva, Izd-vo Akademii nauk SSSR, 1954. 111 p. (Akademiia nauk SSSR. Materialy k biobibliografii uchenykh SSSR. Seriia khimicheskikh nauk, no. 19) (Budnikov, Petr Petrovich, 1885-) (MLRA 7:9)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NESTEROVA, N.M.

ARENDT, A.A.; NESTEROVA, N.M.

Nikolai Nilovich Burdenko (1876-1946) Vstup. stat'ia A.A.Arendta; bibliografiia sost. N.M.Nesterovoi. Moskva, 1953. 75 p. (Materialy k biobibliografii uchenykh SSSR. Seriia meditsinskikh nauk, no.5) (MLRA 8:2)

(Burdenko, Nikolai Nilovich, 1876-1946)
(Bibliography--Medicine)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NESTEROVA, N.K.

Practices of the Moscow Macaroni Factory No.2:41-42 in packaging macaroni products with the aid of vibrators. Khleb.i kond.prom. 1 no.6:41-42 Je '57. (MLRA 10:8)

1.Rosglavmakaronprom.
(Macaroni) (Packaging machinery)

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NESTEROVA, N. F., Cand. Agri. Sci. (diss) "Delivery of Phosphorus to Potato Plants Depending on Method of Spreading Fertilizers," Bryansk, 1961, 23 pp. (Leningrad Agri. Inst.) 150 copies (KL Supp 12-61, 280).

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USSR/Cultivated Plants - Potatoes, Vegetables, Melons. [illegible]

Abs Jour : Ref Zhur - Biol., No [illegible], 1958, 44355

Author : Gr[illegible]chenkov, M.I., [illegible], M.F.
Inst : -
Title : Stolon Roots and Their Role in Feeding Potatoes [illegible] Crop Yield.

Orig Pub : Kartofel', 1957, No 5, 3-[illegible].

Abstract : It was established [illegible] with the aid of radioactive [illegible] that the stolon [illegible] assimilates P from [illegible] and transmit it to all [illegible] of the plant. -- V.V. Prokofiev.

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NABIYEV, M.N., akademik; DUBOVAYA, V.K.; NESTEROVA, M.S.

Decomposition of Kara-Tau phosphorites by a mixture of nitric and sulfuric acids. Dokl.AN Uz.SSR no.12:31-34 '58. (MIRA 12:1)

1. Institut khimii AN UzSSR. 2. AN UzSSR (for Nabiyev).
(Phosphorites)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NESTEROVA, M.P.

Resuming the output of normal sea water in the Soviet Union.
Probl.Arkt. no.5:111-112 '58. (MIRA 13:5)
(Sea water) (Oceanographic research)

This collection of 19 articles published by the Arctic and Antarctic Sci. Res. Institute deals with phenomena on the Arctic ice sheet, the effect of western atmospheric circulation on air conditions in the Arctic, methods of photometric processing of aerial photographs in determining the depth of reservoirs, magnetic observations and processes occurring on islands in Soviet Arctic waters. Brief information on the results of Soviet Arctic and Antarctic expeditions is included.

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SOV/124-58-1-853

Analysis of the Precipitation Zones of Stratiform Frontal Clouds

with the calculated patterns. As pointed out by the authors, an analysis of 21 instances, during 1951 and 1952, has confirmed the existence of an immediate tie between the vertical currents within the boundaries of precipitation zones and the changes of their dimensions; here the degree of agreement between the boundaries of the calculated and the actually obtaining precipitation zones is determined to a significant degree by the reliability of the calculated horizontal air-mass transfer at the level of the upper cloud-mass boundary. The Appendix contains a description of the quantitative-prediction procedure for the precipitation zones of stratiform frontal clouds. Bibliography: 15 references.

K. G. Abramovich

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

SOV/124-58-1-853

Analysis of the Precipitation Zones of Stratiform Frontal Clouds

method of N. I. Bureyev [Rukovodstvo po kratkosrochnym prognozam pogody (Short-range Forecasting Manual), Part I, Gidrometeoizdat, 1955] and, using a suitable graph, the authors determine the temperature level of intense ice-crystal formation for specific instances. The authors compare the location of the isotherm of intense ice-crystal formation with the location of the zone of cloud formation on vertical cross sections and arrive at the conclusion that the location of the boundaries of precipitation zones is much more accurately defined by the points of intersection between the upper boundary of a cloud formation and the line of intense ice-crystal formation than by the boundaries of the vertical currents. Utilizing the model of a specific synoptic situation the authors pose for themselves the task of clarifying the role of the ascending air currents in the process of changes in the precipitation zones. They analyze the effect of the vertical air currents on the location of the surface of intense ice-crystal formation and the altitude level of the upper cloud-mass boundary and arrive at a model of the evolution of the precipitation zones. Here they conclude that the vertical currents should be correlated not just with the fact of precipitation or nonprecipitation, but with the change in the dimensions of the precipitation zones. The last part of the paper is concerned with the confirmation of the proposed calculation scheme; it does so by means of a comparison of the actually obtaining precipitation zones

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

SOV/124-58-1-853

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 1, p 114 (USSR)

AUTHORS: Kachurin, L. G., Aleshina, G. I., Belyashova, M. A., Zalivina, V. I., Kudryavtseva, V. I., Nesterova, M. I., Serebryakova, A. A., Seryakova, L. P.

TITLE: Analysis of the Precipitation Zones of Stratiform Frontal Clouds (Analiz zon osadkov iz frontal'nykh oblakov sloistykh form)

PERIODICAL: Tr. Leningr. gidrometeorol. in-ta, 1956, Nr 5-6, pp 208-241

ABSTRACT: An investigation of the conditions of precipitation from As, Ns, and Sc type clouds of frontal origin. The first three sections are devoted to a description of the process of the conversion of cloud droplets into precipitation particles. The authors consider therein the problems of the condensational and coagulational growth of the droplets, the dissipation of cloud masses due to subsiding motions and the re-evaporation of the falling precipitation; also described are the conditions conducive to ice-crystal formation in clouds. The reasonings and graphs adduced in these sections are used further on in the analysis of the evolution of cloud masses and precipitation. The vertical motions are calculated according to the

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YUGANOVA, S.A.; BONDARENKO, E.A.; DUEL', N.A.; LINCHEVSKAYA, M.I.; NESTEROVA, M.D.

X-ray and electron microscopy investigations of 16-25 and 18-40 type alloys. Metalloved. i term. obr. met. no.2: 19-24 F'64 (MIRA 17:7)

1. TSentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya.

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ACCESSION NR: AP4012429

ASSOCIATION: TsNIITMASh (Central Scientific Research Institute of Heavy Machine Building)

SUBMITTED: 00 DATE ACQ: 03Mar64 ENCL: 00

SUB CODE: ML NO REF SOV: 005 OTHER: 001

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ACCESSION NR: AP4012429

residual phases and microstructure of the alloyswere analyzed by conventional and electron microscopic methods. Laves phases and binary carbides can be noted in low carbon alloys on ferro-chrome-nickel base containing varying degrees of tungsten in addition to niobium carbides and titanium carbonitrides. Alloying with tungsten and niobium affects the phase formation process in different ways: an increase in tungsten concentration in the alloys greatly increases the quantity of the secondary Laves phase, but increases insignificantly the quantity of binary carbides and primary Laves phase. An increase in the niobium content as well as titanium content in the alloy is accompanied by an increase and marked consolidation of the primary Laves phase, while the quantity of the secondary Laves phase decreases. In addition, when the titanium content is increased, secondary phases that are rich in nickel, titanium and aluminum, manifest themselves. An increase of the nickel content with a decrease in iron reduces the quantity of the primary and secondary Laves phases. Orig. art. has: 6 figures and 2 tables.

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

ACCESSION NR: AP4012429 S/0129/64/000/002/0019/0024

AUTHOR: Yuganova, S. A.; Bondarenko, Ye. A.; Duel', N. A.; Linchevskaya, M. I.; Nesterova, M. D.

TITLE: X-ray structural and electron microscopic analysis of type 16-25 and 18-40 alloys

SOURCE: Metalloved. i term. obrab. metallov, no. 2, 1964, 19-24

TOPIC TAGS: 16-25 alloy, 18-40 alloy, alloy steel, low carbon alloy steel, ferro-chrome-nickel steel, Laves phase steel alloying, residual phase, primary Laves phase, secondary Laves phase

ABSTRACT: The phase composition and microstructure of some ferro-chromium and ferro-chromium-nickel alloy steels were analyzed. The cast alloys were water quenched from 1200C, then were aged at 700 and 800C for 1-5000 hours and at 850C up to 300hours. After heat treatment, the electrolytically isolated

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16(3) PHASE I BOOK EXPLOITATION SOV/2103

Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya

Struktura i svoystva zharoprochnykh materialov; [sbornik] (Structure and Properties of Heat-resisting Materials; Collection of Articles) Moscow, Mashgiz, 1959. (Series: Its: [Trudy] kn. 93) Errata slip inserted. 4,000 copies printed.

Additional Sponsoring Agencies: USSR. Gosudarstvennaya planovaya komissiya and Glavnoye upravleniye nauchno-issledovatel'skikh i proyektnykh organizatsiy.

Ed.: L.N. Petropavlovskaya, Candidate of Technical Sciences; Ed. of Publishing House: N.A. Ivanova; Tech. Ed.: A. F. Uvarova; Managing Ed. for Literature on Metal Working and Tool Making: R. D. Beyzel'man.

PURPOSE: This book is intended for workers of scientific research institutes and for engineering staffs of plant laboratories of the boiler and turbine industries and power stations. It may also be useful to staff members of higher educational institutions studying problems of physical metallurgy.

COVERAGE: This collection of articles describes results of work done at TsNIITMASh on the strength of materials used constantly at high temperatures in power plants. The articles deal with problems of heat resistance, alloying, and the production and heat treatment of heat-resistant steels. The evaluation of properties of industrial materials used under high and ultra-high pressures is given, and modern testing methods are discussed. No personalities are mentioned. References follow several of the articles.

TABLE OF CONTENTS:

Tremis, I.I. [Candidate of Technical Sciences]. Effect of Preliminary Deformation on Behavior of Materials During Subsequent Operations at High Temperatures 99

The influence of strain hardening by tension and torsion on the strength and ductility of heat-resistant steels is discussed. The effect of strain hardening on creep resistance, recrystallization, and stability of mechanical properties, and phase composition at aging is presented.

SECTION III. MATERIALS FOR HIGH AND ULTRA-HIGH PRESSURE UNITS

Fedortsov-Lutikov, G.P. [Candidate of Technical Sciences], and T.S. Orlovsydova [Engineer]. Investigation of 1Kh18N12T and EI724 Steels for Tubes of Boiler Units 128

An investigation of physical, mechanical, and heat-resisting properties of Cr-Ni austenitic steels is described. The phenomena of thermal fatigue and aging of these steels are discussed.

Fedortsov-Lutikov, G.P., and M.F. Shesheney [Engineer]. Investigation of the Properties of EI757 Chrome Steel 208

An investigation of mechanical properties, creep strength and creep rate at temperatures up to 600°C is presented.

Tsyganova, S.A., and M.D. Nesterova. Change in Phase Composition of EI755 and EI757 Steels, Due to Heat-treating Conditions 217

The steels under investigation were oil-quenched at 1150°C with subsequent aging at 600, 650 and 700°C. for up to 3,000 hours. The change in phase composition was studied by means of structural x-ray analysis and compared with results of chemical analysis and metallographic investigation.

for 1500 to 2000 hours, are presented.

Tsyganova, S.A., V.A. Smirnova [Engineer]. Electronographic Investigation of the Structure of Oxide Films on EI612 and EI573 Steels and a Group of Fe-Cr-Ni-base Alloys 261

The structure of oxide films generated under various temperatures and holding times is discussed. The influence of preliminary heat treatment (investigations made after quenching and tempering) is noted.

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18(3) PHASE I BOOK EXPLOITATION SOV/2103

Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya

Struktura i svoystva zharoprochnykh materialov; [sbornik] (Structure and Properties of Heat-resisting Materials; Collection of Articles) Moscow, Mashgiz, 1959. (Series: Its: [Trudy] kn. 93) Errata slip inserted. 4,000 copies printed.

Additional Sponsoring Agencies: USSR. Gosudarstvennaya planovaya komissiya and Glavnoye upravleniye nauchno-issledovatel'skikh i proyektnykh organizatsiy.

Ed.: Z.N. Petropavlovskaya, Candidate of Technical Sciences; Ed. of Publishing House: N.A. Ivanova; Tech. Ed.: A. F. Uvarova; Managing Ed. for Literature on Metal Working and Tool Making: R. D. Beyzel'man.

PURPOSE: This book is intended for workers of scientific research institutes and for engineering staffs of plant laboratories of the boiler and turbine industries and power stations. It may also be useful to staff members of higher educational institutions studying problems of physical metallurgy.

COVERAGE: This collection of articles describes results of work done at TsNIITMASh on the strength of materials used constantly at high temperatures in power plants. The articles deal with problems of heat resistance, alloying, and the production and heat treatment of heat-resistant steels. The evaluation of properties of industrial materials used under high and ultra-high pressures is given, and modern testing methods are discussed. No personalities are mentioned. References follow several of the articles.

TABLE OF CONTENTS:

Marskiy, N.Ye., [Candidate of Technical Sciences]. Brittleness of Metals in Creep 16

The author analyzes the dependence of residual deformation on the temperature and time of creep failure of 12 Kh (perlitic) and EI257 (austenitic) steels.

SECTION II. ALLOYING OF HEAT-RESISTANT ALLOYS AND STEELS, MANUFACTURING PROCESSES AND HEAT TREATMENT

Mirkin, I.L. [Doctor of Technical Sciences, and Professor], and M.I. Fartayeva, [Engr.] Influence of the Composition on the Structure and Properties of Austenitic Fe-Cr-Ni Alloys 33

The author investigates the influence of constituents of cast alloys with 25 to 40 percent nickel and approximately 16 percent chrome on the structure and properties at normal and elevated temperatures. Also the influence of small amounts of tungsten, molybdenum, columbium, boron, titanium and aluminum is discussed.

Zaletayeva, E.P. [Candidate of Technical Sciences]. Influence of Copper on the Properties of Nickel-base Alloys 61

The author presents results of experimental investigation of physical and mechanical properties of alloys of approximately 0.12%C, 68%Ni, 18%Cr, 3.5%Mo, 1.7%Ti, 1.8%Nb, 1.0%Al, 0.8% to 2.8%Cu, and 1.0%Fe. Special emphasis is given to the effect of added copper.

Tagunova, S.A. [Candidate of Physical and Mathematical Sciences], N.A. Dubl'ye, [Engineer], and M.D. Nesterova [Engineer], Intermetallic Compounds of the Laves' Phase in Fe-Cr-Ni-Base Alloys With Variable Content of Tungsten and Niobium 70

Changes in phase composition of cast Fe-Cr-Ni alloys with approximately 16% Cr and 32% Ni and W, Mo, Nb, Ti and Al as additional agents are investigated. The effect of quenching and tempering temperatures and their time element on the development of the intermetallic compound is discussed.

Karskiy, N.Ye. Graphic Method of Determining the Creep Strength by Using Parametric Dependency 237

The author presents a graphic method for the use of parametric dependence (time-temperature method) to determine long-time properties from short-time creep tests.

Ohing, I.A. [Corresponding Member Academy of Sciences, USSR] and G.A. Tulyakov [Candidate of Technical Sciences]. Creep Investigation of 1Kh18N9T Steel in the State of Complex Stress 243

Results of tests for determining the creep strength of austenitic heat-resistant steel samples in the form of thin-walled tubes under combined tension and torsion at various rates at 600°C

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2

X-ray investigation of the creep in lead monocrystals. D. L. Ageeva and M. D. Nesterova. *Izvest. Akad. Nauk S.S.S.R., Ser. Fiz.* 15, 125-33(1951).—The samples were made by running molten pure Pb into Al molds and quenching the bottom with H_2O while heating the top with 2 gas flames for 10 min. The pieces were etched with H_2O_2 + glacial AcOH and annealed in evacuated glass tubes 60-100 hrs. at 150-250°. Thirty-three monocrystals, 11 bicrystals, and 3 tricryst. systems were investigated in a specially constructed camera at loads of 250-600 g./sq. mm. for periods of time totalling up to 720 hrs. It is shown that the curve of creep of a monocrystal consists of 5 parts: (1) initial elongation, (2) slow initial deformation, (3) horizontal part corresponding to recovery, (4) const. velocity gliding in one crystallographic direction, and (5) variable velocity deformation (double gliding) leading to rupture or stoppage of creep. The plasticity of monocrystals depends on their orientation and is lowest on those located at the top of [111]. The plasticity of bi-tri- and polycrystals is detd. by the plasticity of the most plastic monocrystals of which they consist and not by the av. value. Gliding can take place not only in the direction [110] but also [110], [112] and [221]; this indicates 2 gliding planes. S. Pakower

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9

Interchange processes between the solid solution and the carbide phase in the thermal treatment of steels. N. F. Lashko and M. D. Nesterova. *Izvest. Akad. Nauk S.S.S.R., Ser. Fiz.* **15**, 724-40(1951).—In steels of type EI 69 and EI 257 ((chem. compn. indicated) on annealing at 500-850°) there are formed solely the cubic carbides (Cr, Fe, Ni, W, Mo)$_{23}$C$_6$. The carbide phases were isolated by anodic soln. of the metal in an electrolyte. The austenite lattice is increased by W, Mo, and Cr, but the carbide phase lattice remains const. This is explained by the presence of vacant spots in the lattice. It is shown that during thermal treatment the W and the Mo atoms gradually go to the periphery of the carbide crystals and the Cr atoms to the center of the phase. S. Pakswer

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9

Stable and metastable phases in chromium and molybdenum steels with medium carbon content. N. F. Lashko and M. D. Nesterova. *Izvest. Akad. S.S.S.R., Ser. Fiz.* 15, 67-71(1951).—Examn. of samples of steel contg. 0.30-0.41% C, 0.08-21.30% Cr, or 0.35-4.13% Mo shows that at Cr contents below 1.5% only (Fe, Cr)$_3$C is formed. At higher content trigonal $(CrFe)_7C_3$ and cubic $(CrFe)_{23}C_6$ are formed. A phase diagram in % Cr vs annealing time is given. A first metastable cementite phase is transformed into a 2nd metastable γ'-phase which can be transformed into the unstable trigonal or the stable cubic carbides. A similar diagram is shown for the Fe-Mo system and it is shown that beyond 0.35% Mo content Mo_2C appears together with cementite. A γ'-phase is also formed, as well as binary carbides Fe_3Mo_3C. S. P.

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NESTEROVA, M.A.

Wound of the left ventricle of the heart. Khirurgiia no.9:74-75 S '55. (MLRA 9:2)

1. Iz khirurgicheskogo otdeleniya Dubossarskoy rayonnoy bol'nitsy Moldavskoy SSR.
(HEART--WOUNDS AND INJURIES)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

MESTEROVA, Milka

SURNAME (in caps); Given Names

Country: Bulgaria

Academic Degrees: not indicated

Affiliation: not indicated

Source: Sofia, Biologiya i Khimiya, No 2, 1961, pp 63-64

Data: "Notes on the Book Geological Excursions."

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

ACCESSION NR: AT4016999 S/3057/63/000/000/0105/0116

AUTHOR: Fishevskaya, E. A.; Nesterova, L. S.

TITLE: Study of the percent ratio of radioactive elements remaining on masticated rubber of formula 57-40 after deactivation

SOURCE: Zashchitny*ye pokry*tiya v atomnoy tekhnike (Shielding in nuclear engineering); sbornik statey. Moscow, Gosatomizdat, 1963, 105-116

TOPIC TAGS: radioactive element, masticated rubber, 57-40 masticated rubber, radioactivity, residual radioactivity, deactivation, sorption desorption property

ABSTRACT: The authors discussed the various methods presently in use to estimate the sorption-desorption properties of materials, noting that, in most cases, in estimating the value of the residual activity in test samples, actually only the sum residual radioactivity of the material has been considered, with no attention given to its quantitative and qualitative component composition or structure. In the present article, the authors have studied the isotopic composition which basically determines the residual radioactivity on samples of formula 57-40 masticated rubber contaminated with an isotopic mixture, after deactivation of these samples. It is the

Card 1/2

Orig. art. has: 6 tables.

ASSOCIATION: None

SUBMITTED: 00 DATE ACQ: 20Feb64 ENCL: 00 0

SUB CODE: NP NO REF SOV: 004 OTHER: 003

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D201/D305

The effect of ambient temperature...

exhibit maximum gain at temperatures between -5 and +15°C, the gain falling by 20-50% at -30 and +50°C. The photomultipliers type ФЭУ-29 (FEU-29) do not show a similar maximum and changes in their gain were ≤ 10% within -20 to +30°C. The above data show the possibility of designing temperature independent photomultipliers. 8 references. [Abstracter's note: Complete translation]

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9.4130
24.2600 (1043,1160,1482)

30117
S/194/61/000/007/033/079
D201/D305

AUTHORS: Stolyarova, Ye.L., Suchkov, G.M. and Nesterova, L.S.

TITLE: The effect of ambient temperature on the gain of photoelectric multipliers

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 7, 1961, 23, abstract 7 G150 (V sb. Pribory i metody analiza izluchenii, no. 2, M., Atomizdat, 1960, 137-143)

TEXT: Although the theory does not give any direct information on the existence of the dependence of the secondary emission coefficient on temperature, a series of experiments has proved that this dependence in fact exists. The results of measurements of the amplitude of output pulse from a photomultiplier are given in the temperature range -30 to +50°C; the photomultiplier cathodes were illuminated by intermittent glows of a neon tube. The curves show that type ФЭУ-С (FEU-S) and ФЭУ-IБС (FEU-IBS) photomultipliers

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

MERZON, A.K.; NESTEROVA, L.P.; KAS'YANOVA, T.N.

Use of corticosteroids in cardiac insufficiency. Sov. med. 27 no.12:22-30 D'63 (MIRA 17:4)

1. Iz kafedry propedevticheskoy terapii (zav. - prof. M.I. Frankfurt) lechebnogo fakul'teta Donetskogo meditsinskogo instituta.

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NESTEROVA, L. P.

Nesterova, L. P. — "Biological Basis of Measures of the Struggle Against Alfalfa Pests under the Conditions of Omsk Oblast." Acad Sci Kazakh SSR, Inst of Zoology, Alma-Ata, 1955 (Dissertation for Degree of Candidate of Biological Sciences).

SO: Knizhnaya Letopis', No. 23, Moscow, June, 1955, pp. 87-104.

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

82731
S/089/60/009/002/003/016
B006/B056

21.1920

AUTHORS: Shvedchenko, I. N., Tabachenko, L. N., Starkov, O. N., Kotelkin, V. A., Mesterovoy, L. N., Kozlov, I. Ya.

TITLE: Investigation of the Transfer of Radioactive Substances by Steam and Water and the Chemical Stability of Deposits in the Steam - Water Cycle of the First Atomic Power Plant

PERIODICAL: Atomnaya energiya, 1960, Vol. 9, No. 2, pp. 98-103

TEXT: The quantity of radioactive substances carried along in boiling-water reactors by steam and water, their depositing on the inner surfaces of conduction pipes, as well as the chemical nature and the behavior of these deposits depends essentially on the mode of operation of the reactor and the construction of the evaporators and separators. In the plants of the Pervaya atomnaya elektrostantsiya (First Atomic Power Plant), the authors investigated the processes in which radioactive substances are carried along by steam and water. They determined the depositing coefficient of the substances on the inner surfaces of the conduction pipes and investigated the chemical stability of these deposits. They further

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investigated problems of the deactivation of some parts of the steam-power equipment of the plant. The steam-water loop consists of two circuits of stainless steel of the grade 1X18H9T (1Kh18N9T), which are insulated against each other. Fig. 1 schematically shows the investigated loop; Table 1 gives data on the two circuits. The coolant used was ordinary distilled water which was kept in circulation by means of pumps. The investigations were carried out with superheated and non-superheated steam; water temperatures, in the first case, amounted to 275°C at the input, and 340-365°C at the output; in the second case they were 265°C and 335°C, respectively (with a 25% steam content). The places where samples were taken are given in Fig. 1; the β- and γ-activity was measured on all coolant samples, and the quantity of the dry residue, the pH-value, as well as the radioisotopic, anionic, and cationic components of the contamination were determined. The transfer of radioactive substances was determined from the change in radioactivity of the dry residue along the loop. Table 2 gives a multiple of numerical values of the radioactivity of the dry residue of the coolant determined at various places in circuit II. The

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time-dependent change in these radioactivities at various places of the loop are shown in Fig. 2. The results obtained by physicochemical investigations of feed water and the water of cycles I and II are given in Table 3. It supplies the following data: dry residue, total activity (β + γ), pH, CO_3^{2-}, NO_3^-, Cl^--concentration, total chromium concentration, CrO_4^{2-} and Cr^{3+}-concentration. The contamination consisted of: Co^{60}, Fe^{59}, Cr^{51}, Ca^{45} (4-10% of the total activity); Na^{24}, Cu^{64}, Ni^{65}, Si^{31}, Mn^{56} (90-96% of the total activity). Components with $T_{1/2} < 1$ hour were not taken into account. The radioactivity and chemical stability of the deposits on the tube walls were determined by means of a special device consisting of two equal tubes made from 9M-695 (ЭИ-695) steel. Data on outward shape, thickness, radioactivity, and temperature of the walls are given in Table 4, and data on chemical stability in Table 5. The deposits consisted of Co^{60}, Fe^{59}, Cr^{51}, Ca^{45} ($T_{1/2} \geqslant 27$ days) (70%) and of

Card 3/4

Na^{24}, Cu^{64}, Mn^{56}, Ni^{65}, and Si^{31} ($T_{1/2} \leqslant 13$ hours) (30%). Finally, a report is given on deactivation experiments undertaken with various aggressive solutions with and without inhibitors. A 6% HCl + Urotropin and a 5% HNO_3 + 2% HCl + $K_2Cr_2O_7$ solution (~ 0.05 g/l) were used as solutions with inhibitors, and a 5% HNO_3 and a 5-7% HCl solution as solutions without inhibitors. The experiments were carried out at 20°C for 24 to 48 hours and at 40-60°C for 2 to 4 hours. The results obtained are described in detail. The authors thank A. K. Krasin for his interest in this investigation. There are 2 figures, 5 tables, and 6 references: 4 Soviet and 2 US.

SUBMITTED: November 23, 1959

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

Investigation of the Contaminants in the Water Coolant of the First Nuclear Power Plant SOV/89-6-6-4/27

mean half lives: 2.5 and 5 h, 26.5, 42 and > 100 d, as well as ~5 a. In the cationite filtrate 3 radioactive components (2.5 h, 26.5 and 42 d) in the anionite filtrate one (42 d) were found. Further details of radiochemical analysis are given, the dialysis is briefly discussed (application of a three-chamber electrodialyzer with colloidal membrane), and some results of ultrafiltrate analysis are given. It was found that Na, Ca, Mn, Ni, Co, Cr and Si occur in the form of ions and Fe and Cu as colloids. In conclusion, the authors thank A. K. Krasin for his interest, V. V. Fomin for consultation, G. N. Ushakov and his collaborators of the First Nuclear Power Plant for assistance. There are 2 figures, 3 tables, and 7 references, 2 of which are Soviet.

SUBMITTED: September 4, 1958

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

figure 1; in the case of a constant reactor power the elution increases linearly with the passage rate in the primary circuit. In the feed water and in the water of the first circuit the concentrations of the Cl'-, SO_4''-, NO_3'-, and CrO_4''-ions and those of the dry radicals were determined. The results are listed in table 1 (pH between 5.55 and 6.35). In table 3 the pH values are measured and computed comparatively at different NO_3'-concentrations; the values computed are lower. Figure 2 shows that the elution rate increases weakly linearly with increasing reactor power; the investigations were carried out at passage rates of 4.6, 12, 50 and 71.3 m^3/24 hours. An investigation of the chemical nature of the contaminants in the water coolant of the first circuit (spectroscopic-chemical-analytical and radiochemical investigation) proved the presence of the following elements: sodium, calcium, magnesium, aluminum, iron, copper, nickel, cobalt, chromium, manganese, and silicon. Fe, Cr, Ni, Co and Mn originated from the circuit material. The total-β-activity of the impurities was determined to be 5.10^{-5} C/l. By radiochemical analysis six different radioactive components were found with the following

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SOV/89-6-6-4/27

21(9)

AUTHORS: Slyusarev, P. N., Ivanov, V. A., Nesterova, L. N.

TITLE: Investigation of the Contaminants in the Water Coolant of the First Nuclear Power Plant (Issledovaniye zagryaznenii vodnogo teplonositelya Pervoy atomnoy elektrostantsii)

PERIODICAL: Atomnaya energiya, 1959, Vol 6, Nr 6, pp 639 - 643 (USSR)

ABSTRACT: The contaminants in the water coolant originate, from impurities from the feed water and from such caused by the surfaces of the pipes and parts of the primary circuit. As was found in the investigation in the first nuclear power plant the impurities from the primary circuit predominate by far Iron, chromium, nickel, manganese, and other elements which occur as corrosion products of steel were found in the composition of the deposit salts. The authors investigated the reasons of corrosion of the constructional materials of the primary circuit and that of the elution of particles and determined the chemical composition of the solid contaminants in the coolant. The steel 1Kh18N9T used in the First Nuclear Power Plant is investigated. First, the elution rate of the corrosion products is determined. The results are shown by

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BYSTROV, A.A.; NESTEROVA, K.P., MUKHINA, S.A.; CHERKASOVA, M.P., red.

[Instruction concerning the VE-2M moisture meter for the determination of moisture content in flour and macaronis] Instruktsiia k vlagomeru VE-2M dlia opredeleniia vlazhnosti muki i makaronnykh izdelii. Moskva, Pishcheprom-izdat, 1963. 18 p. (MIRA 17:5)

1. Moscow. TSentral'naya nauchno-issledovatel'skaya laboratoriya makaronnoy promyshlennosti. 2. Nauchnyye sotrudniki nauchno-issledovatel'skoy laboratorii makaronnoy promyshlennosti(for Bystrov, Nesterova, Mukhina)

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

SHAMSHURIN, A.A.; BEKSTER, M.A.; MESTEROVA, I.P.

Synthesis of 11-aminoundecanoic acid from castor oil. Sen.zam. Khim.un. 68:92-83 '63 (cover '64).

(MIRA 18:12)

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NEMETS, S.M.; NESTEROVA, I.M.

Observed indices of the changes in the oil quality due to the frying in it of raw vegetables. Kons. i ov.prom. 17 no.4:4-7 Ap '62. (MIRA 15:3)

1. TSentral'nyy nauchno-issledovatel'skiy institut konservnoy i ovoshchesushil'noy promyshlennosti.
(Canning and preserving) (Oils and fats, Edible--Testing)

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NESTEROVA, I.L.

Chemical composition of suspended and dissolved substances in the Ob' River. Geokhimiia no.4:355-361 '60. (MIRA 13:10)

1. Geological Institute, Academy of Sciences, U.S.S.R., Moscow.
(Ob' River--Water--Composition)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NESTEROVA, I.L.

Absorbed bases of clay rocks and their alterations along the cross section. Trudy GIN no.115:204-213 '65.

(MIRA 18:12)

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

SOV/169-59-6-6463

Translation from: Referativnyy zhurnal, Geofizika, 1959, Nr 6, p 132 (USSR)

AUTHORS: Nesterova, I.I., Kuchina, Ye.M.

TITLE: An Investigation of the Structure of the Sporadic E-Layer

PERIODICAL: Dokl. 7-y Nauchn. konferentsii posvyashch. 40-letiyu Velikoy Oktyabr'sk. sots. revolyutsii, Nr 2, Tomsk, Tomskiy un-t, 1957, pp 80 - 81

ABSTRACT: The authors give the results of investigations of the E_s-layer by means of an attachment to an ionosphere station, permitting a simultaneous recording to be made of the amplitudes of reflections by the E_s and F layers. It is established that the E_s-layer is subdivided into two types: 1) cloudy, and 2) thin. For the first type the amplitude of the reflected signal decreases very slowly with increasing frequency, for the second type the amplitude decreases much more rapidly, but in this case the range of reflections from E_s is small.

T.S. Kerblay

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and the maximum usable frequency for the F_2 layer. The experimental and theoretical curves are shown on a graph. The following conclusions were drawn from the work carried out: 1) Waves in the HF band can be scattered in the F layer, which indicates the presence in the discontinuity spectrum of small-scale discontinuities; 2) communication can be established at frequencies 2 - 3 times greater than the maximum usable frequency for the F_2 layer; 3) it has been shown experimentally that the variation in mean signal level with change of maximum usable frequency f_{MU} is described by the refraction factor $(1 - f_{MU}^2/f^2)^{-13/2}$. 7 references. [Abstracter's note: Complete translation.]

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

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S/194/62/000/011/045/062
D413/D308

9,9200

AUTHORS: Bocharov, V. I., Nesterova, O. M. and Nesterova, I.I.

TITLE: The scattering of short radio waves in the F_2 layer of the ionosphere

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 11, 1962, 15, abstract 11-7-30t (Tr. Sibirsk. fiz.-tekhn. in-ta pri Tomskom un-te, no. 38, 1960, 74-79)

TEXT: Observations are presented on the possibility of waves in the HF and lower part of the VHF band being scattered in the F layer of the ionosphere. It is shown that when a frequency considerably above the critical is used, the level of signal scattered from the F layer may be expected to be no less than that from the E layer under the same conditions. The results are described of an experiment on scattering of waves at frequencies 21 and 12 Mc/s in the F_2 layer, over a path 1340 km long. The relation was investigated between the mean level of ionospheric scatter signal

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BOK, Ivan Ivanovich; BORUKAYEV, R.A., akademik, glav. red.; ANKINOVICH, S.G., doktor geol.-miner. nauk, otv. red.; NESTEROVA, I.I., red.; KOVALEVA, I.F., red.

[Ores of agricultural importance; fundamentals of their geology and their prospecting and evaluation indicators] Agronomicheskie rudy; osnovy ikh geologii i poiskovo-otsenochnye priznaki. Alma-Ata, Nauka, 1965. 305 p. (MIRA 18:9)

1. Akademiya nauk Kaz.SSR (for Borukayev).

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

TAZHIBAYEVA, Patchaim Tazhibayevna; SARKISYAN, S.G., prof., otv. red.; NESTEROVA, I.I., red.

[Lithological investigations of Dzhezkazgan series in connection with the problem of the ore genesis of the Dzhezkazgan deposit] Litologicheskie issledovaniia Dzheskazganskikh svit v sviazi s problemoi genezisa rud Dzheskazganskogo mestorozhdeniia. Alma-Ata, Izd-vo AN Kaz.SSR, 1964. 275 p. (MIRA 17:12)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

SEYFULLIN, Said Shagimardanovich; TURALIN, Nurgazy Ku aliyevich; SATPAYEV, K.I., akademik, otv. red. [deceased]; NESTEROVA, I.I., red.

[Structural conditions governing the formation of the Dzhezkazgan deposit] Geologo-strukturnye usloviia formirovaniia mesторozhdeniia Dzhezkazgan. Alma-Ata, Nauka, 1964. 175 p. (MIRA 17:10)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

SHCHERBA, Grigoriy Nikiforovich, prof., doktor geol.-mineral. nauk, zasluzhennyy deyatel'nauki KazSSR; GUKOVA, Vera Dmitriyevna; KUDRYASHOV, Arkadiy Vasil'yevich; [illegible], Nikolay Panteleyevich; NESTEROVA, I.I., red.

[Greisens, vein quartz, and potassic feldspar in molybdenum-tungsten deposits of Kazakhstan.] Greizeny, zhil'nyi kvarts i kalishpaty molibdeno-vol'framovykh mestorozhdenii Kazakhstana. Alma-Ata, 1964. 306 p. (Akademiia nauk Kazakhskoi SSR. Institut geologicheskikh nauk. Trudy, vol.8) (MIRA 17:6)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

BABIN, Pavel Nikolayevich; DEMIKHOV, T.V., otv. red.; NESTEROVA, I.I., red.; ALFEROVA, P.F., tekhn. red.

[Refractory raw materials of Kazakhstan] Ogneupornoe syr'e Kazakhstana. Alma-Ata, Izd-vo AN Kaz.SSR, 1963. 141 p. (MIRA 17:3)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

CHEKMAREV, A.P., adademik; GRUDEV, A.P., kand. tekh.nauk; TARAN, Yu.N., kand. tekhn.nauk; ZIL'BERG, Yu.V., inzh.; KUTNIENKO, V.Ka., inzh.; DERGACH, A.Ya., inzh.; LITINSKIY, L.M., inzh.; NEKTEROVA, G.V., inzh. SAMOYLENKO, V.D., inzh.

Reducing metal sticking on the rolls during the hot rolling of stainless tubes. Stal' 23 no.7:631-635 Jl '63. (MIRA 16:9)

1. AN UkrSSR (for Chekmarev).
(Pipe mills) (Steel, Stainless)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

VORONOVA, N. A., doktor tekhn. nauk; [illegible], P. I., inzh.;
KRIVOSHEYEV, V. A., inzh.; [illegible], N. Ye., inzh.;
ZAYATS, A. P., inzh.; NESTEROVA, G. V., inzh.

Ball instead of cone mandrels for automatic pipe mills.
Me. i gornorud. prom. no. 3:30-31 My-Je '63.

1. Nikopol'skiy yuzhnotrubnyy zavod (for Protskiy, Zayats, Nesterova).

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

VORONOVA, N.A., doktor tekhn. nauk; STOVPCHENKO, P.I., inzh.; KRIVOSHEYEV, V.A., inzh.; PROTSKIY, N.Ye., inzh.; ZAYATS, A.P., inzh.; NESTEROVA, G.V., inzh.

Cast ball mandrels for pipe-rolling mills. Mashinostroenie no.3:54-55 My-Je '63. (MIRA 16:7)

1. Institut chernoy metallurgii AN UkrSSR (for Voronova, Stovpchenko, Krivosheyev). 2. Nikopol'skiy yuzhnotrudnyy zavod (for Protskiy, Zayats, Nesterova).
(Pipe mills)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NESTEROVA, G.S.

Effect of drainage on the water-air balance in the meadow-turf gleyey-surface soils in the southern part of Khabarovsk Territory. Pochvovedenie no.7:84-93 Jl '63. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki i melioratsii.
(Khabarovsk Territory--Drainage)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

LIPKIN, M.Ye.; ARTYS[illegible], N.[illegible]; [illegible], Ye.V.; [illegible]; [illegible]
SHILYAYEV, I.P.; [illegible], T.A.; ANDREYEVA, [illegible]
ABRAMOVA, S.[illegible]; [illegible]; [illegible]
M.B.; DASHEVSKAYA, [illegible]; [illegible]
L.I.; NAGAYEV, V.N.; [illegible]; [illegible]
ANISIMOVA, T.I.; OVAGAYAN, [illegible]; [illegible]

Abstracts of articles [illegible] by the [illegible]
i immun. 4[illegible] no.[illegible] [illegible]

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

[illegible] JX

[illegible] UR/0016/65/000/008/0142/0142
576.851.48.093.584.085.51

[illegible]

[illegible]

Effect of elevated temperatures on the multiplication of some strains of [illegible] bacillus

[illegible] Mikrobiologii, no. 8, 1965, 142

[illegible] culture, high temperature effect

[illegible] investigation was to study the effect of elevated [illegible] of the [illegible] strains 011, 026, 055, 145, and [illegible] all are [illegible] the growth of any of the [illegible] within 30 minutes; 011, 026, and 055 within [illegible] within 2[illegible] minutes. Heating at 80-100° killed all the cultures. [illegible] immediately after heating, strain 145 was found [illegible] to invert temperatures and 011 least resistant, with [illegible] an intermediate position in this respect.

[illegible] Institut (Gorkiy Pedinstitut)

SUB CODE: LS

NO REF SOV: [illegible]

OTHER: 002

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NESTEROVA, G. N. Cand Biol Sci -- (diss) "Utilization of ~~bacteria~~ dissolving tricalcium phosphate for ~~the~~ increasing ~~of~~ the assimilability of phosphorite ~~fertilizer~~ and apatite in the process ~~of~~ composting." Mos, 1957. 15 pp 20 cm. (Mos Order of Lenin Agr Acad im K.A. Timiryazev). 110 copies. (KL, 23-57, 110).

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

USSR/Microbiology. Soil Microbiology F-3

Abs Jour : Ref Zhur-Biologiya, No 1, 1957, 574

Abstract : biological processes were activated and the quantity of assimilated nutritive substances (nitrogen and phosphorus) increased. The bacterization of the composts improved nutrition of the seedlings of cauliflower and contributed to the early ripening of the vegetable. The best effect was obtained when bacteria which break down tricalcium phosphate were added.

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NESTEROVA, N.

USSR/Microbiology. Soil Microbiology P-3

Abs Jour : Ref Zhur-Biologiya, No 1, 1957, 524

Author : Ye. I. Nesterova, V. G. Golikov, G. N. Nesterova

Inst :

Title : Improvement of the Nutritive Composition of Peat-Humus Pots by Means of Bacterization.

Orig Pub : Dokl. VASKhNIl, 1956, vyp. 2, 43-48

Abstract : In preparing composts of a mixture consisting of peat, manure, and phosphorite flour, and the preparation of pots from this mixture bacterization was carried out by azotobacter and by bacteria which break down tricalcium phosphate. On the bacterization of the pots the

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GOL'DFARB, D.M.; KYTIXH, V.; KUZNETSOVA, V.N.; NESTEROVA, G.F.

Induction of h-mutations of the phage T2 by nitrous acid and hydroxylamine. Genetika no.2:3-12 Ag '65. (MIRA 18:10)

1. Institut epidemiologii i mikrobiologii imeni N.F. Gamaleia, AMN SSSR, Moskva.

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

247700

S/058/62/000/005/086/119
A061/A101

AUTHORS: Ornatskaya, Z. I., Lukashinskaya, L. L., Nesterova, G. F.

TITLE: The electrical properties of AlSb and CdSb

PERIODICAL: Referativnyy zhurnal, Fizika, no. 5, 1962, 30, abstract 5E235 ("Nauchn. yezhegodnik Saratovsk. un-t. Fiz. fak. i N.-i. in-t mekhan. i fiz", 1955, Saratov, 1960, 135-137)

TEXT: Electrical conductivity σ, thermo-emf, and rectification in the point contact were measured on polycrystalline AlSb and CdSb specimens. The value of σ for AlSb at room temperature was ~ 0.9 ohm^{-1} · cm^{-1}. When temperature was increased, σ dropped exponentially in correspondence to the forbidden band width $\Delta E = 0.43$ ev. The roasting of CdSb at $\sim 20^{\circ}$C led to the stabilization of σ magnitude (increase from 10^{-1} to ohm^{-1} · cm^{-1} units).

A. Yu.

[Abstracter's note: Complete translation]

Card 1/1

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

[illegible], [illegible]; [illegible], [illegible]; [illegible], G.Ya.; [illegible], [illegible]; [illegible], [illegible]; [illegible], G.[illegible].

[illegible] of enzymatic preparations prepared [illegible], isolated from the thermoacidic strain of Bac. mesenterious. [illegible] biokhim. i mikrobiol. 1 no.3:363-368 My-Je '65. (MIRA 18:7)

1. Institut mikrobiologii AN SSSR.

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

FENIKSOVA, R.V.; PETROVA, I.S.; VINTSYUNAYTE, M.M.; BABKINA, V.S.; NESTEROVA, G.A.

Use of proteolytic enzymes of Actinomyces fradiae for [illegible] of wool from raw hides. Prikl. biokhim. i mikrobiol. 1 no.3: 5[illegible]-6[illegible] My-Je '65. (MIRA 18:7)

1. Institut biokhimii AN SSSR imeni Bakha.

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

LOSOVSKAYA, G.V.; NESTEROVA, D.A.

Mass development of a new form of the polychaete Polydora ciliata ssp. limicola Annenkova of the Black Sea in the Dnieper Liman (the northwestern part of the Black Sea). Dokl. AN SSSR 43 no.10:1559-1560 '64. (MIRA 18:3)

1. Odessa Biological Station, Institute of Hydrobiology, Academy of Sciences of the Ukrainian S.S.R.

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

ZHUKOVA, Ye.K.; NESTEROVA, B.S.

Bilateral necrosis of the renal cortex in a nine months old child. Vop.okh.mat. i det. 4 no.4:92-94 Jl-Ag '59. (MIRA 12:12)

1. Iz patologoanatomicheskogo otdeleniya (zav. - Ye. N. Ter-Grigorova, nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. M.A. Skvortsov) Detskoy klinicheskoy bol'nitsy No.9 imeni F. Dzerzhinskogo (glavnyy vrach - A.N. Kudryashova).
(KIDNEYS--DISEASES)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NESTEROVA, A.V.

Practical work in determining the quality of seeds. Biol. v shkole no. 6:58-60 N-D '60. (MIRA 14:1)

1. Chuvashskiy gosudarstvennyy pedagogicheskiy institut, g.Cheboksary.
(Seed adulteration and inspection--Study and teaching)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NESTEROVA, A.V.

USSR/Cultivated Plants. - Grains M-1

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1466

Author : V.S. Gurchenko, D.T. Boldin, A.V. Nesterova
Inst : Not Given
Title : New Varieties of Summer Grain Crops

Orig Pub : Vestn. c-kh. nauki, 1956, No 3, 139-141

Abstract : There is a brief characterization of new varieties of wheat, allotted to rayons in Eastern Siberia, in the Buryat-Mongolian ASSR, Alma-Atinskaya Oblast' and others, two varieties of oats of German selection which are suitable for cultivation in Kaliningradskaya and Kaluzh-Skaya Oblasts, and varieties of barley, earmarked for rayons in the Ukraine.

Card : 1/1

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

SAVOSHCHENKO, I.S., prof.; NESTEROVA, A.P.; OLENEVA, V.A. (Moskva)

Changes in the relationship between the fractions of blood serum and gastric juice proteins in peptic ulcer patients as affected by dietotherapy. Vop.pit. 24 no.4:58-63 Jl-Ag '65. (MIRA 18:12)

1. Klinika lechebnogo pitaniya (zav. - prof. I.S.Savoshchenko) Instituta pitaniya AMN SSSR, Moskva. Submitted September 3, 1964.

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

PROSTYAKOV, P.M.; NEFEDOVA, [illegible]

Functional state of the thyroid gland [illegible]
no.4:27-31 '65. (MIRA [illegible])

1. Klinika lechebnoy pitaniya (zav. - prof. I.S. [illegible]) Instituta pitaniya AMN SSSR, Moskva.

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

GINODMAN, L.M.; NESTEROVA, A.F.; OREKHOVICH, V.N.; SAVOSHCHENKO, [illegible]; SOLOV'YEVA, T.A.

Chromatographic study of the gastric juice in chronic gastritis and peptic ulcer. Vop. med. khim. 10 no.6:604-610 N-D '64. (MIRA 19:1)

1. Institut khimii prirodnykh soyedineniy AN SSSR i Institut pitaniya AMN SSSR, Moskva.

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

ACCESSION NR: AP4038532

ASSOCIATION: Institut normal'noy i patologicheskoy fisiologii Akademii meditzinskikh nauk SSSR (Institute for Normal and Pathological Physiology). Vtoraya terapevticheskaya Klinika Central'nogo instituta usovershenstvovaniya vrechey (Second Therapeutic Clinic of the Central Institute for the Advancement of Physicians)

SUBMITTED: 27Feb64 DATE ACQ: 09Jun64 ENCL: 00

SUB CODE: LS NO REF SOV: 001 OTHER: 000

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

ACCESSION NR: AP4038532 S/0020/64/156/003/0719/0720

AUTHOR: Babskiy, Ye. B.; (Academician); Belousov, A. S.; Malkiman, I. I.; Nesterova, A. P.; Sorin, A. S.

TITLE: Application of radiotelemetry for investigation of the evacuating function of the stomach

SOURCE: AN SSSR. Doklady*, v. 156, no. 3, 1964, 719-720

TOPIC TAGS: radiotelemetry, stomach evacuation function, physiology, duodenum, stomach ulcer

ABSTRACT: The authors have previously described (DAN 156, #1 (1964)) a method for investigation of pH of the content of the stomach and intestines by a radio-capsule. In the present paper, they compare the recording of pH of the duodenum of healthy people with that of people with ulcers, taken both on empty stomach and after a breakfast of bread. The pH content follows in time a different pattern in healthy and in ill people. The method permits the investigation of the stomach evacuation in people in a similar way as it is done in dogs with the fistula of the duodenum. Orig. art. has: 2 figures.

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

BABSKIY, Ye. B., akademik; SORIN, A. M.; BELOUSOV, A. S.; MALKIMAN, I. I.; NESTEROVA, A. P.

Radiotelemetric study of the pH in the digestive tract. Dokl. AN SSSR 156 no. 1:222-224 My '64. (MIRA 17:5)

1. Institut normal'noy i patologicheskoy fiziologii AMN SSSR i TSentral'nyy institut usovershenstvovaniya vrachey. 2. AN UkrSSSR (for Babskiy).

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NESTEROVA, A.P.

Treatment of patients with peptic ulcers with antiulcer diets containing olive oil. Vop.pit. 22 no.1:8-13 Ja-F'63 (MIRA 16:11)

1. Iz kliniki lechebnogo pitaniya (zav. - doktor med. nauk L.M.Levitskiy) Instituta pitaniya AMN SSSR, Moskva.

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APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

[illegible]NEVA, V.L.; TAYTS, G.S.; NESTER[illegible], A.P.

X-ray and electrogastrographic parallels in patients with peptic ulcers. Trudy VNIIMIO no.3:124-127 '63 (MIRA 18:2)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NESTEROVA, Aleksandra Petrovna, kand. med. nauk; GLENEVA, Vera Anatol'yevna, kand. med. nauk; SKORBILINA, T.N., red.; PRONINA, N.D., tekhn. red.

[Therapeutic nutrition in peptic ulcer] Lechebnoe pitanie pri iazvennoi bolezni. Moskva, Medgiz, 1963. 70 p. (MIRA 16:11)

(PEPTIC ULCER) (DIET IN DISEASE)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NESTEROVA, A.P., kand.med.nauk

Cranberry. Zdorov'e 8 no.2:31 F '62. (MIRA 15:4)
(CRANBERRIES)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

NESTEROVA, A.P.; OLENEVA, V.A.

Effect of high-carbohydrate and low-fat diets on the course of peptic ulcer. Vop. pit. 20 no. 1:38-41 Ja-F '61. (MIRA 14:2)

1. Iz zheludochno-kishechnogo otdeleniya (zav. - prof. O.L. Gordon [deceased]) kliniki lechebnogo pitaniya Instituta pitaniya AMN SSSR, Moskva.
(PEPTIC ULCER) (DIET IN DISEASE)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

SHIMES, Moisey Pavlovich; NESTEROVA, Aleksandra Petrovna; POPOVA, G.F., red.; BEL'CHIKOVA, Yu.S., tekhn.red.

[Gastric and duodenal ulcer] IAzvennaia bolezn' zheludka i dvenadtsatiperstnoi kishki. Moskva, Gos.izd-vo med.lit-ry, 1959. 69 p. (MIRA 13:5)

(PEPTIC ULCER)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

PROSTYAKOV, K.M., NESTEROVA, A.P., PARAMONOVA, E.G.

Modification of the functional activity of the thyroid gland in atherosclerotic patients under the influence of dietary treatment. [with summary in English]. Vop.pit. 17 no.5:31-34 S-O '58 (MIRA 11:10)

1. Iz serdechno-sosudistogo otdeleniya (zav. doktor meditsinskikh nauk V.P. Sokolovskiy) kliniki lechebnogo pitaniya Instituta pitaniya AMN SSSR, Moskva.

(ARTERIOSCLEROSIS, physiol.
thyroid funct., eff. of diet ther. (Rus))
(THYROID GLAND, in various dis.
atherosclerosis, eff. of diet ther. (Rus))
(DIETS, in various
atherosclerosis, eff. on thyroid funct. (Rus))

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

ALIYEVA, Vera Ivanovna; MARKOVA, G.F.; NESTEROVA, A.P.

[Diet in chronic diseases of the digestive system] Pitanie pri khronicheskikh zheludochno-kishechnykh boleznikh. Moskva, Medgiz, 1958. 78 p. (MIRA 12:4)
(DIET IN DISEASE) (DIGESTIVE ORGANS--DISEASES)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

PROSTYAKOV, K.M.; NESTEROVA, A.P.; PARAMONOVA, E.G. (Moskva)

Thyroid function in atherosclerosis, determined by the radioactive tracer method. Klin.med. 35 no.4:93-96 Ap '57. (MLRA 10:7)

1. Iz kliniki lechebnogo pitaniya (dir. - prof. F.K.Men'shikov) Instituta pitaniya AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. O.P.Molchanova)

(ARTERIOSCLEROSIS, physiol.
thyroid funct., determ.)
(THYROID GLAND, in various dis.
arteriosclerosis, thyroid funct. determ.)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

[illegible] was used to record bursts of Cerenkov light from showers of [illegible] energy (about $2 \cdot 10^{12}$ ev observed at sea level). The count rate [illegible] 300-400 [illegible], yielding good [illegible] accuracy in the comparison of [illegible] angle of the sky. [illegible] of all a series of observations [illegible] $2 \cdot 10^{12}$ ev was discovered. [illegible] showers with [illegible] from [illegible] $2 \cdot 10^{12}$ ev [illegible] the directors of the [illegible] Radioastronomy Station, [illegible] was carried out on their premises) [illegible] members of the Laboratory [illegible] aiding to develop the apparatus, [illegible] P. V. Yakolev, G. Y. Tsvova, [illegible] Sokolovskaya [illegible], [illegible] P. N. Ageeth, A. F. Kraso[illegible] for taking part in the measure[illegible] tables, 13 figures and 16 formulas.

[illegible] (Physical Institute, AN SSSR)

[illegible] AA

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700030-6

[illegible] EWT(1)/EWG(m)/EWA(h)/EWT(1)/EWT(m)/EEC(t)/FCC/T Pe-5/Pl-4/[illegible]
[illegible] 2/[illegible]
AP[illegible] 2/3001/63/000/000/0115/0141

AU[illegible] [illegible]; [illegible]; [illegible]; [illegible]; Kozyrova, N.M.

TITLE: Search for γ-photons with energies of about 10000 Bev for local sources of [illegible]

SOURCE: [illegible] institut. Trudy, v. 28, 1964. Kosmicheskiye lucht (Cosmic rays), 115-141

TOPIC TAGS: [illegible] radiation, cosmic ray source, high energy photon, Cerenkov radiation, radio source, [illegible] telescope

Abstract: The method and results of an attempt to detect high-energy photon flux from [illegible] sources [illegible] from Cygnus A and Taurus A) are described. Observations were made during the summer seasons of [illegible]-1963. Preliminary results of this [illegible] were published in Proceedings on cosmic rays held in Japan (1962) and Bolivia [illegible]. The experimental [illegible] of extensive air showers within a small solid angle [illegible] Cerenkov radiation and [illegible] of high-energy particles for various parts of the sky. A high

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ACCESSION NR: AP4049061

in an appearance of new auxiliary elementary processes during collision of $10^{14} - 10^{15}$ ev [illegible] may be possibleed. "Yu. Vavilov, O. Dovzhenko, I. Ivanovskaya, S. Nikol'skiy, [illegible] V. Grishin, B. Zhuravlev, V. Ivanilov, Ye. Tukish, L. Bilinin, I. Yaskin, V. [illegible] A. Smagin and V. Filonov [illegible] measurements in the Pamir's [illegible] 1962. The measurements in 1961 [illegible] and by A. Ye. Chudakov, N. M. Nesterova, V. I. Zatsepin, P. V. [illegible] Ye. P. Kokovin and V. Ye. [illegible] (members of the FIAN), as [illegible] V. L. Dedenko, A. S. Korolev, V. L. Makarov [illegible] Moscow State University. The corresponding radiation of extensive [illegible] showers at sea level was measured by members of FIAN and MGU under the [illegible] Y. I. Zatsepin. The energy of nuclear active particles was calculated by Ya. A. [illegible] while Ye. P. Tuda took part in the calculation of the M variant." Orig. art. has: [illegible] figures, 13 tables and 7 formulas.

ASSOCIATION: Fizicheskiy institut AN SSSR (Physical Institute, AN SSSR)

SUBMITTED: 00 ENCL: 00 SUB CODE: AA

NO REF SOV: 004 OTHER: 040

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[illegible]

[illegible] radial distribution [illegible] shower spectra with [illegible] observation height [illegible] energy spectra of [illegible] energy flux of electron-photon components; radial distribution [illegible] number of electrons with various numbers of charged [illegible] energy [illegible] radial distribution [illegible] numbers of charged [illegible] collision energy ex- [illegible] Pp. 74-82 [illegible] with individual sec- [illegible] fluctuations in [illegible] Pp. 90-107 deal with the [illegible] sections devoted to the [illegible] calculating [illegible] and [illegible] according to pri- [illegible] an element may [illegible] increase with a total [illegible] and compensi- [illegible] whether a change

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NESTEROVA, A.P.; OLENEVA, V.A.; TAYTS, N.S.

Use of vegetable fats in diet therapy of patients with peptic ulcer. Vop. pit. 23 no.2:54-59 Mr-Ap '64.

(MIRA 17:10)

1. Otdel lechebnogo pitaniya (zav. - doktor med. nauk I.S. Savoshchenko) Instituta pitaniya AMN SSSR, Moskva.

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NESTEROVA, A. P.

Nesterova, A. P.

"The effect of primarily carbohydrate and primarily protein diet on the secretory function of the stomach of ulcer patients." Acad Med Sci USSR. Inst of Nutrition. Moscow, 1956 (Dissertation for the degree of Doctor of Medical Science)

Knizhnaya Letopis
No. 15, 1956. Moscow

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